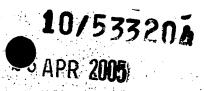


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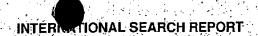


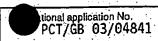
INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference IP/P7082/WOD	(Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No.	International filing date (day/month/year)	Earliest) Priority Date (day/month/year)
PCT/GB 03/04841	10/11/2003	12/11/2002
Applicant		
QINETIQ LIMITED		
The Art of the state of the sta		PROTEIN AND SANDON OF COME
This International Search Report has be according to Article 18. A copy is being to	en prepared by this International Searching Authority ransmitted to the International Bureau.	y and is transmitted to the applicant;
	s of a total of 0.6 sheets.	
と、 と、 し、 のたと <u>ユニニ</u> とと、 むしがねできるかできる かましてがりましたが、 としはない	y a copy of each prior an document cited in this repo	ort.
1. Basis of the report		
a. With regard to the language; the language in which it was filed, ur	International search was carried out on the basis on the basis of the wise indicated under this item.	the international application in the
the international search Authority (Rule 23.1(b))	was carried out on the basis of a translation of the in	iternational application furnished to this
b. With regard to any nucleotide a was carried out on the basis of the	nd/or amino acid sequence disclosed in the intern ne sequence listing:	ational application, the international search
	ional application in written form	
	ternational application in computer readable form: to this Authority in written form.	
	to this Authority in computer readble form.	
the statement that the st	ubsequently furnished written sequence listing does as Illed has been furnished.	not go beyond the disclosure in the
the statement that the in	formation recorded in computer readable form is ide	intical to the written sequence listing has been
furnished		
。	und unsearchable (See Box I).	
3. X Unity of Invention is la	cking (sée Box II)	
4. With regard to the thie,		
마다스 가는 보다면 보면 맛이 되는 것이 되었다.	submitted by the applicant	
the text has been estable	ished by this Authority to read as follows:	
5. With regard to the abstract,		
the text has been estable	ubmitted by the applicant ished, according to Rule 38.2(b), by this Authority as	
	ne date of mailing of this international search report, blished with the abstract is Figure No.	Submit comments to this Authority.
x as suggested by the app	的复数形式的复数形式的地位的现在分词 医克尔特氏病 经	None of the figures:
because the applicant fa	ailed to suggest a figure	
because this figure bette	or characterizes the invention.	

Form PCT/ISA/210 (first sheet) (July 1998)





Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful international Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Decause and dependent visiting and are not charged in accordance military and
Box II. (Observations where unity of invention is lacking (Continuation of Item 2 of first sheet)
This International Searching Authority found multiple Inventions in this international application, as follows:
see additional sheet
1. As all required additional search fees were timely paid by the applicant, this international Search Report covers all search able claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
1-29, 32-34 (when dependent on 1-29)
PORT : HOTE NEEDS THE STORM TO BE THE MEST AND THE BUILDING TO BE AND THE STORM TO BE AND THE STORM TO BE AND THE STORM THE S
Remark on Protest:
No protest accompanied the payment of additional search fees.

Form PCT/ISA/210 (continuation of first sheet (1)) (July 1998)

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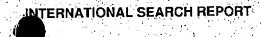
FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

- 1. Claims: 1-29, 32-34 (when dependent on 1-29)
 segmenting an image by using a property co-occurence matrix
- 2. Claims: 30, 31, 32-34 (when dependent on 30, 31)

 further analysis of a segmented image

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al Application No B 03/04841

A. CLASSIFICATION OF SUBJECT MATTER
1PC 7 G06T5/00 G06T7/40

G06F19/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 G06T G06F G06K

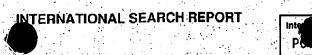
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used).

EPO-Internal, WPI Data, PAJ, COMPENDEX, INSPEC, IBM-TDB, BIOSIS, EMBASE

ategory °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
	ALIREZA KHOTANZAD ET AL: "A PARALLEL, NON-PARAMETRIC, NON-ITERATIVE CLUSTERING ALGORITHM WITHAPPLICATION TO IMAGE SEGMENTATION*" PROCEEDINGS OF THE ASILOMAR CONFERENCE ON SIGNALS, SYSTEMS AND COMPUTERS PACIFIC	1-3, 12-15
	GROVE, OCT. 31 - NOV. 2, 1988. TWO VOLUMES BOUND AS ONE, NEW YORK, IEEE, US; vol. VOLS. 1 & 2 CONF. 22; 31.October 1988 (1988-10-31); pages; 305-309, XP000130269 abstract	5,6,22,
A	page 307, left-hand column, paragraph 5 -right-hand column, paragraph 3	23 4,7-11, 16-21, 24-29
	- 「お付き」を終める話されておれていては、それにはいくとはないときます。 マッカルの ねんきがんしょうしゅうせい たいちょう かっしょうしょく	
▼] (Furt	ther documents are listed in the continuation of box C. X Patent family members	are listed in annex.
*Special care A docum consis "E" earlier "I" docum which citatic O docum other	alegories of cited documents: IT later document published all or priority date and not in condensual the principle of particular relevance invention: document but published on or after the international date: and which may throw doubts on priority claim(s) or involve an invention in the publication date of another or other special reason (as specified).	ler the international filing date onflict with the application but triple or theory, underlying the ance; the claimed invention of cannot be considered to then the document is taken alone ance; the claimed, invention, volve an inventive stap when the ione or more other, such documing obvious to a person skilled
Special country consist consist country country which citatic country	ategories of cited documents: It later document published all or priority date and not in condensuate the principle of particular relevance inventor. It document but published on or after the international date. It document but published on or after the international date. It document but published on or after the international date. It document of particular relevance involves an inventive step with a specified to establish the publication date of another on or other special reason (as specified). It document of particular relevance involves an inventive step with a specified in the publication date of another on or other special reason (as specified). In other special reason (as specified). In our published prior to the international filling date but than the priority date claimed. It document is combination to the international search. Date of inalting of the international search.	ler the international filing date on flict with the application but table or theory, underlying the ance; the ctalmed invention ance; the ctalmed invention her the document is taken alone ance; the ctalmed invention wolve an inventive step when the form or more other such document graphs of the property of the ctalmed invention and the patent tamily

page 1 of 2



PC B 03/04841

Category °	tion) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	in distriction in the control of the control of the state	1-3,
	SCHACHTER B.J. DAVIS L.S. ROSENFELD A: "Some Experiments in Image Segmentation by Clustering of Local Feature Values" PATTERN RECOGNITION, vol. 11, 1979, pages 19-28, XP002269476	12-15
	Introduction page 23, left-hand column, paragraph 2 -page 24, left-hand column, paragraph 2	5,6,22, 23
	page 27, left=hand column, paragraph 4 figure 90	4,7-11, 16-21, 24-29
	US. 6-134, 354, A (BANNI STER WENDY R ET AL)	5,6,22
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A	HADDON J.F. ET AL: "CO-OCCURRENCE MATRICES FOR IMAGE ANALYSIS" ELECTRONICS AND COMMUNICATION ENGINEERING JOURNAL, INSTITUTION OF ELECTRICAL ENGINEERS, LONDON, GB, vol. 5, no. 2, 1 April 1993 (1993-04-01),	1-29
	pages 71-83, XP000363820 ISSN: 0954-0695	
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Form PCT/ISA/210 (continuation of account sheet) (January 2004)

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	Into	pal App	lication	No
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